

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
 Data File : BG064453.D
 Acq On : 25 Sep 2025 21:30
 Operator : RC/JU
 Sample : PB169726BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169726BL

Quant Time: Sep 29 18:07:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	19063	20.000	ng	0.00
21) Naphthalene-d8	10.625	136	79618	20.000	ng	# 0.00
39) Acenaphthene-d10	14.462	164	58506	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	154694	20.000	ng	# 0.00
76) Chrysene-d12	21.430	240	164681	20.000	ng	0.00
86) Perylene-d12	24.432	264	177583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.431	112	144388	144.741	ng	0.00
7) Phenol-d6	7.012	99	189679	138.790	ng	0.00
23) Nitrobenzene-d5	8.992	82	138679	94.397	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	145828	142.777	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	369718	93.314	ng	0.00
79) Terphenyl-d14	19.826	244	819302	98.073	ng	0.00

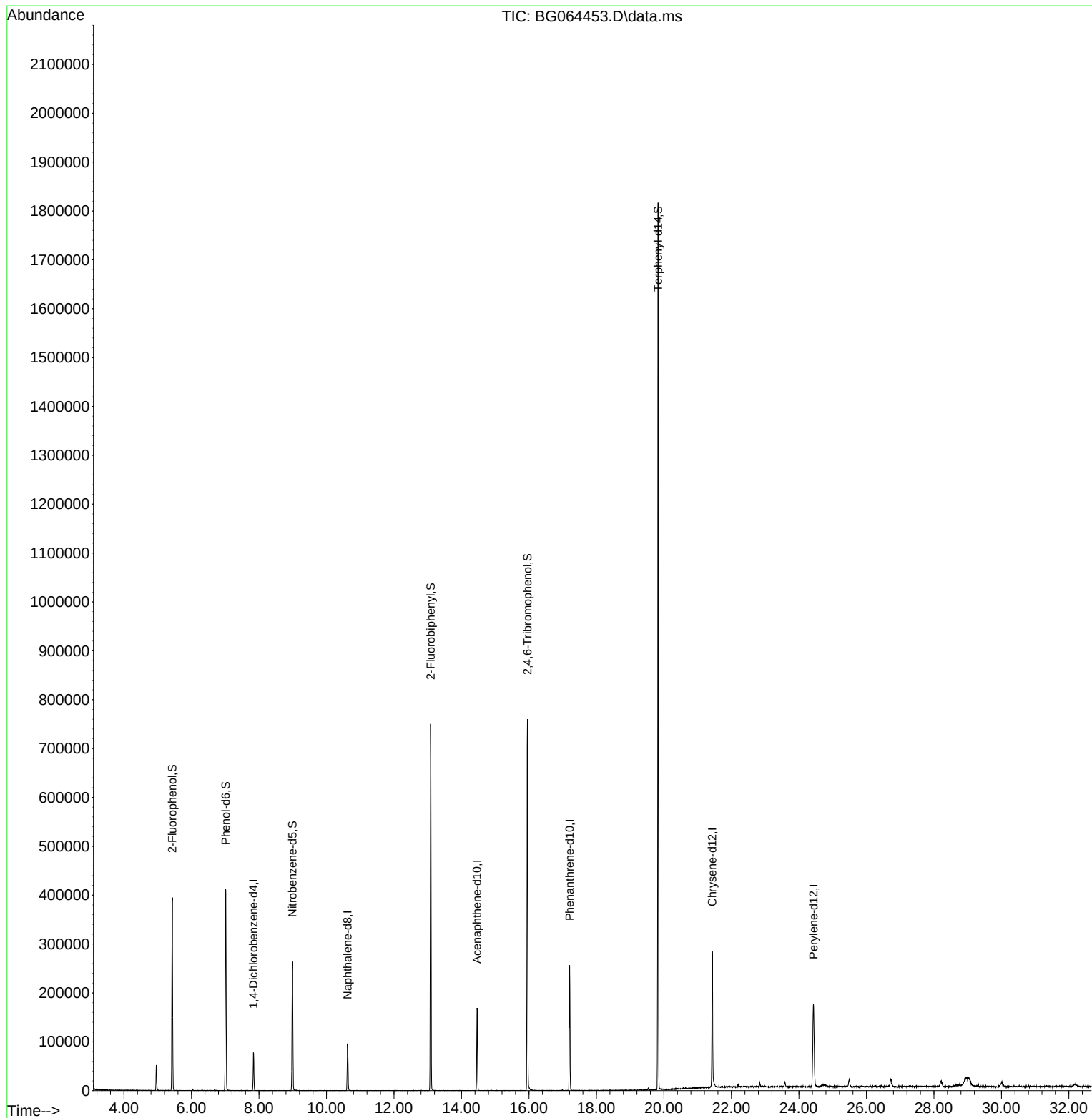
Target Compounds	Qvalue

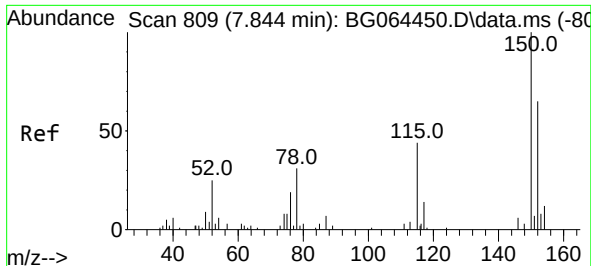
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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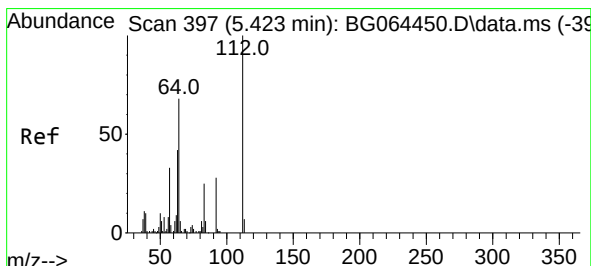
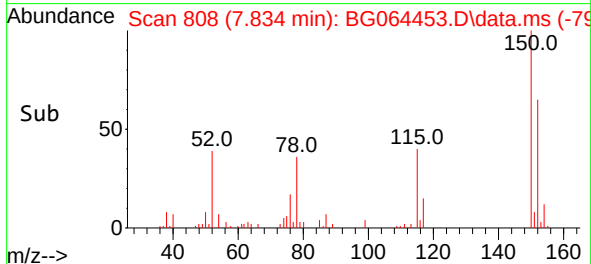
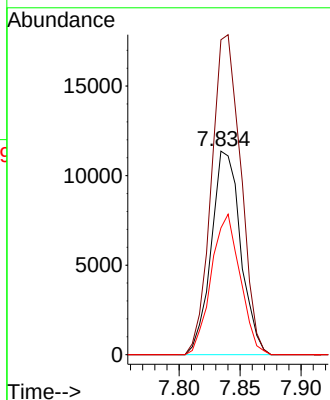
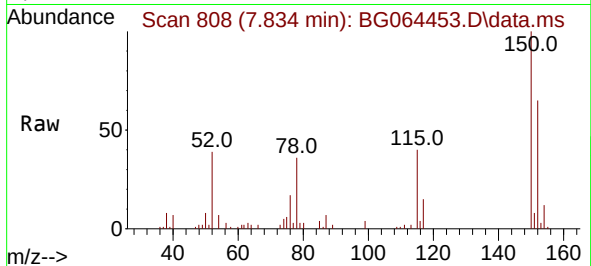




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 809
Delta R.T. -0.010 min
Lab File: BG064453.D
Acq: 25 Sep 2025 21:30

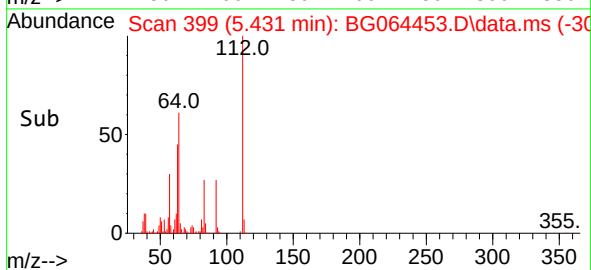
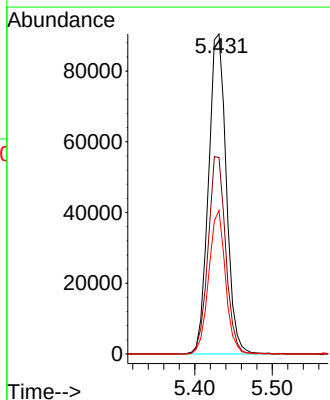
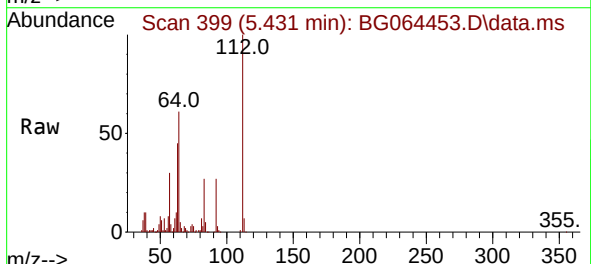
Instrument :
BNA_G
ClientSampleId :
PB169726BL

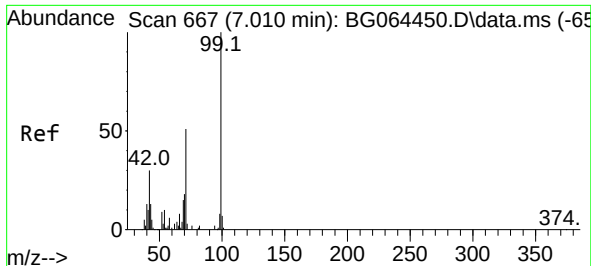
Tgt Ion:152 Resp: 19063
Ion Ratio Lower Upper
152 100
150 154.7 122.9 184.3
115 62.3 54.3 81.5



#5
2-Fluorophenol
Concen: 144.741 ng
RT: 5.431 min Scan# 399
Delta R.T. 0.008 min
Lab File: BG064453.D
Acq: 25 Sep 2025 21:30

Tgt Ion:112 Resp: 144388
Ion Ratio Lower Upper
112 100
64 61.4 54.0 81.0
63 44.9 33.8 50.6

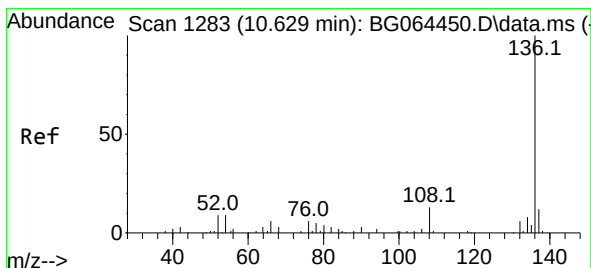
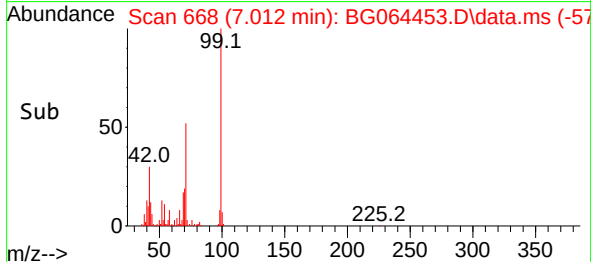
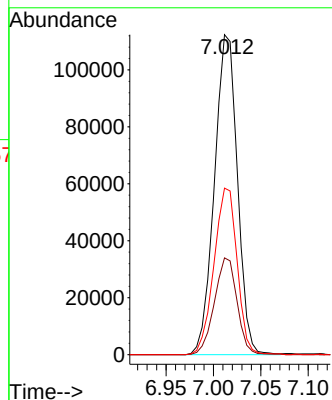
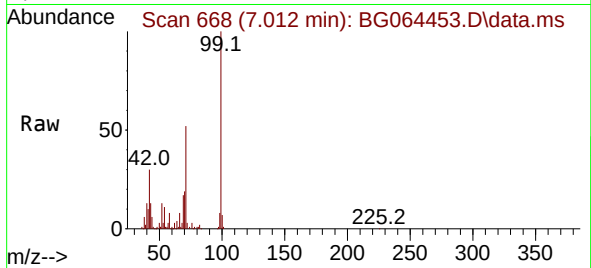




#7
Phenol-d6
Concen: 138.790 ng
RT: 7.012 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG064453.D
Acq: 25 Sep 2025 21:30

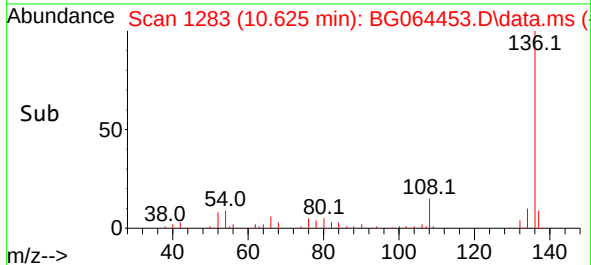
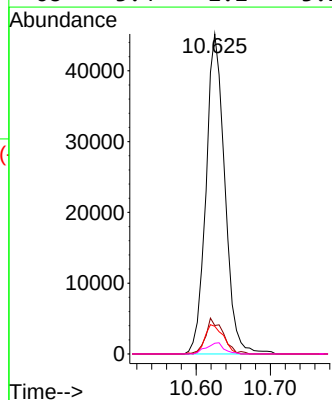
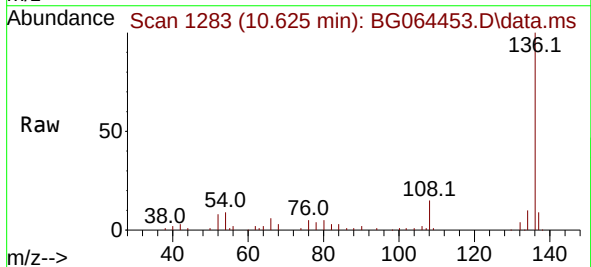
Instrument :
BNA_G
ClientSampleId :
PB169726BL

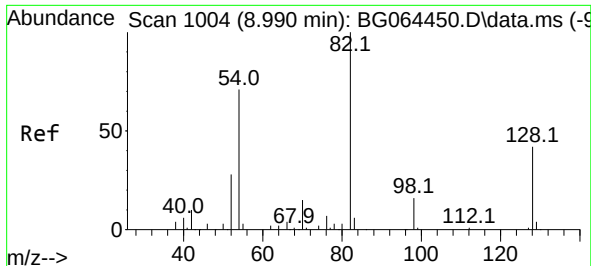
Tgt Ion: 99 Resp: 189679
Ion Ratio Lower Upper
99 100
42 30.2 24.0 36.0
71 52.1 40.5 60.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1283
Delta R.T. -0.004 min
Lab File: BG064453.D
Acq: 25 Sep 2025 21:30

Tgt Ion: 136 Resp: 79618
Ion Ratio Lower Upper
136 100
137 8.9 9.6 14.4#
54 8.6 7.4 11.2
68 3.4 2.2 3.2#





#23
 Nitrobenzene-d5
 Concen: 94.397 ng
 RT: 8.992 min Scan# 1005
 Delta R.T. 0.002 min
 Lab File: BG064453.D
 Acq: 25 Sep 2025 21:30

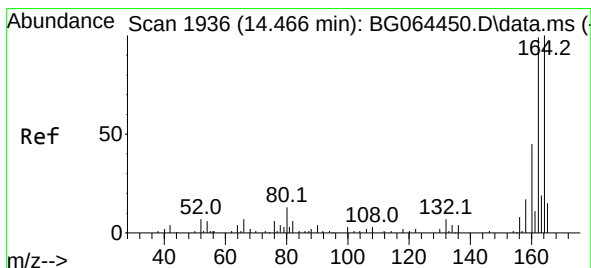
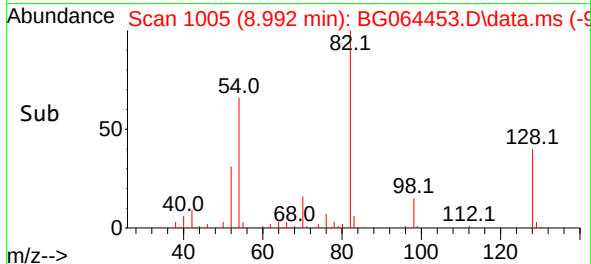
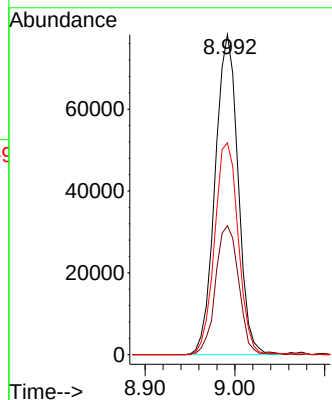
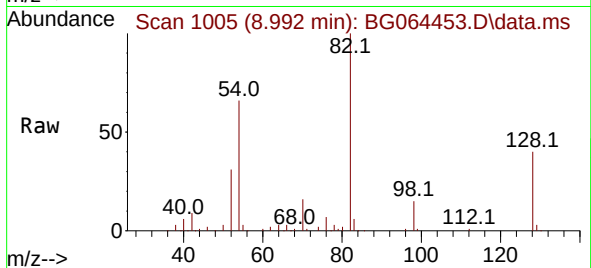
Instrument :

BNA_G

ClientSampleId :

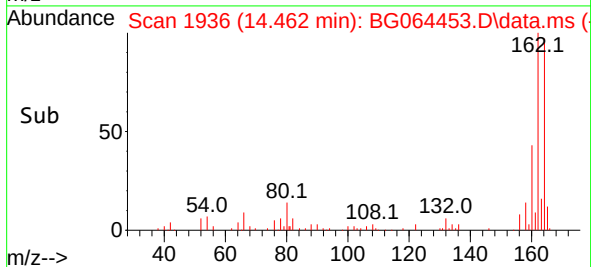
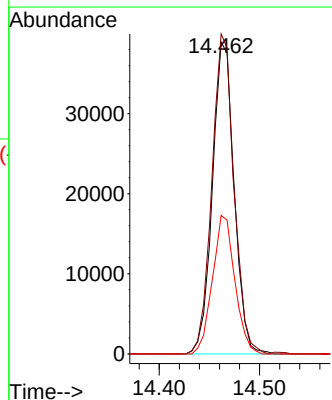
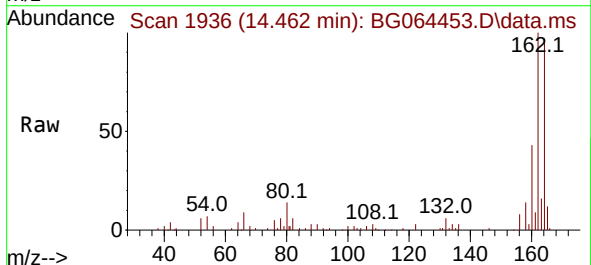
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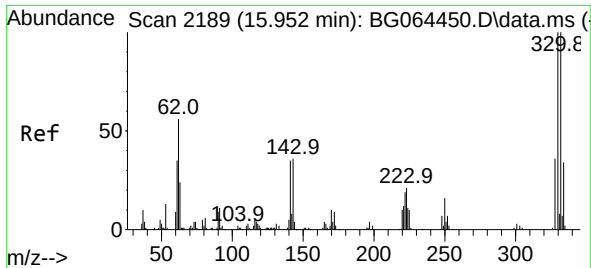
Tgt Ion: 82 Resp: 138679
 Ion Ratio Lower Upper
 82 100
 128 40.3 33.7 50.5
 54 66.2 57.0 85.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.462 min Scan# 1936
 Delta R.T. -0.004 min
 Lab File: BG064453.D
 Acq: 25 Sep 2025 21:30

Tgt Ion:164 Resp: 58506
 Ion Ratio Lower Upper
 164 100
 162 102.6 79.0 118.4
 160 44.4 36.3 54.5

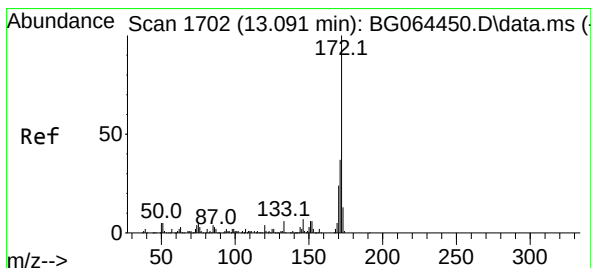
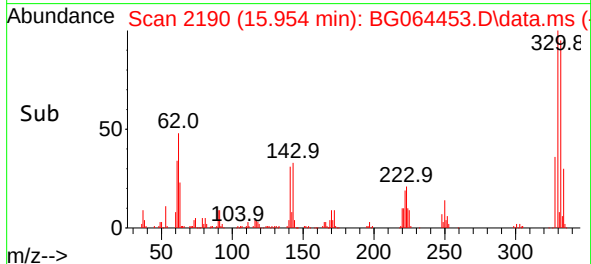
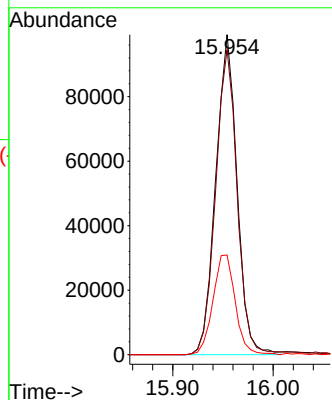
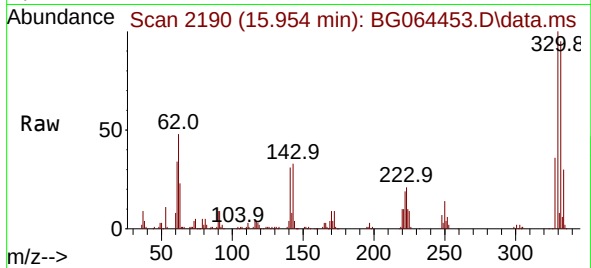




#42
2,4,6-Tribromophenol
Concen: 142.777 ng
RT: 15.954 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG064453.D
Acq: 25 Sep 2025 21:30

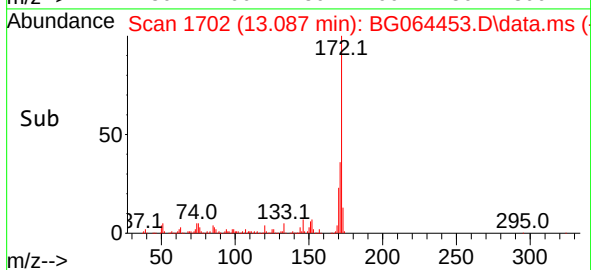
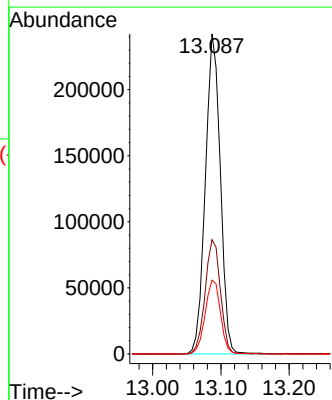
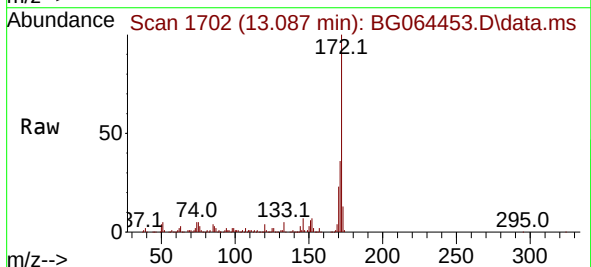
Instrument :
BNA_G
ClientSampleId :
PB169726BL

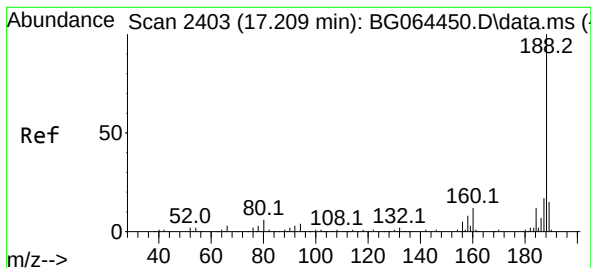
Tgt Ion:330 Resp: 145828
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 32.7 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 93.314 ng
RT: 13.087 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG064453.D
Acq: 25 Sep 2025 21:30

Tgt Ion:172 Resp: 369718
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.2
170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 2403

Delta R.T. -0.004 min

Lab File: BG064453.D

Acq: 25 Sep 2025 21:30

Instrument :

BNA_G

ClientSampleId :

PB169726BL

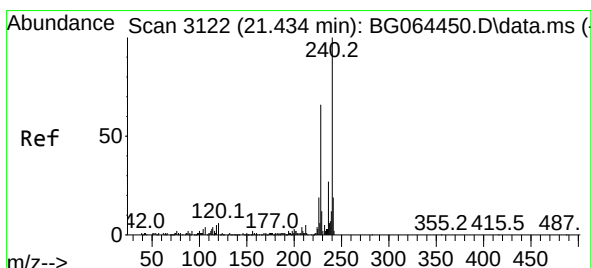
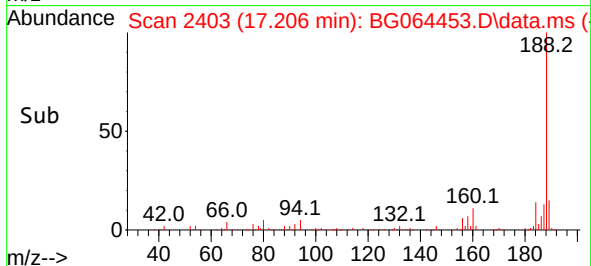
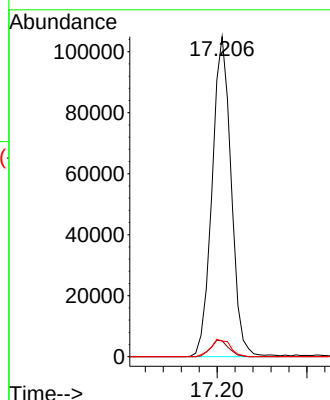
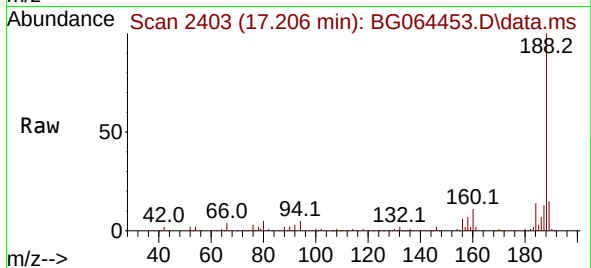
Tgt Ion:188 Resp: 154694

Ion Ratio Lower Upper

188 100

94 5.0 3.0 4.4#

80 4.8 4.9 7.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.430 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG064453.D

Acq: 25 Sep 2025 21:30

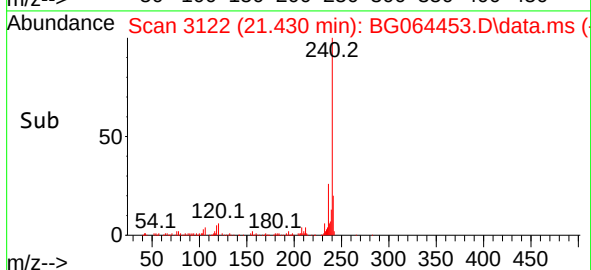
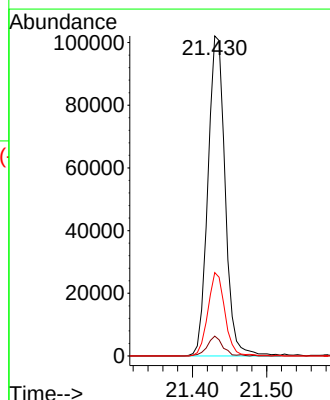
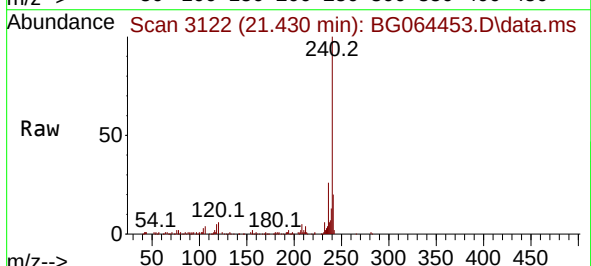
Tgt Ion:240 Resp: 164681

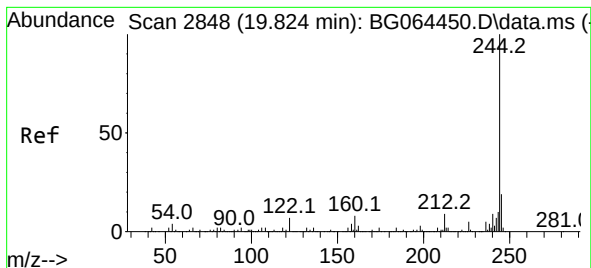
Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

236 26.0 21.9 32.9





#79

Terphenyl-d14

Concen: 98.073 ng

RT: 19.826 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064453.D

Acq: 25 Sep 2025 21:30

Instrument :

BNA_G

ClientSampleId :

PB169726BL

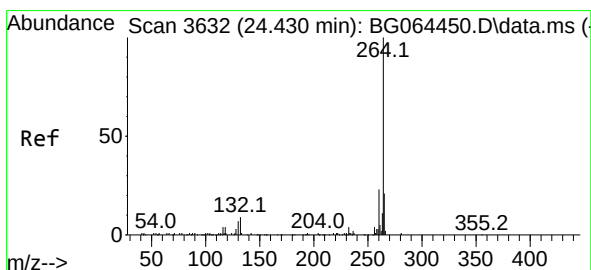
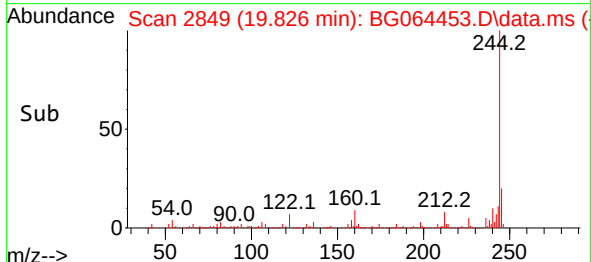
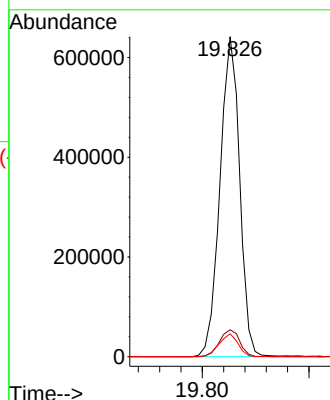
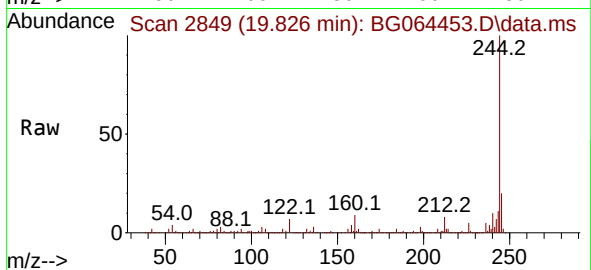
Tgt Ion:244 Resp: 819302

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

122 7.2 5.7 8.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.432 min Scan# 3633

Delta R.T. 0.002 min

Lab File: BG064453.D

Acq: 25 Sep 2025 21:30

Tgt Ion:264 Resp: 177583

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 19.9 16.7 25.1

